

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 22 באפריל, 2025

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

Galois in rank infinite of groups Demushkin theory

חינתן על-ידי

(BGU) Bar-On Tamar

תקציר: One of the most interesting open questions in Galois theory are those concerning the structure of Galois groups of infinite extensions. In this talk, we will focus on the case of p -adic fields and the theory of Demushkin groups. We will discuss the relationship between the Galois group of a maximal pro- p extension and the Galois group of a maximal pro- p extension of a root primitive field. We will also discuss the elementary theory of Demushkin groups and the conjecture of Efrat and Ido. The talk will be in English and Hebrew.

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